connecting shaft and a groove entrance portion having a width narrower than the groove inner portion and postures of the attaching groove and the connecting shaft are changed between a connected posture where the connecting shaft is prevented from coming off from the groove entrance portion and attaching and detaching postures where the connecting shaft can freely enter or exit from the groove entrance portion.

2. The blade attaching structure of the wiper unit as set forth in claim 1, wherein the connecting shaft is supported on the blade attaching structure to be slidable in a rotational direction of the shaft, the connecting shaft having a larger diameter portion and a smaller diameter portion smaller than the larger diameter portion due to a chamfered portion created on the outer circumference and changing postures are accomplished by operating an adjusting member integrally formed on the connecting shaft end portion to make the connecting shaft slide in the rotational direction of the shaft.

3. The blade attaching structure of the wiper unit as set forth in claim 1, wherein the connecting shaft comprises a larger diameter portion and a smaller diameter portion smaller than the larger diameter portion formed by externally fitting a cylindrical sliding portion having a chamfered portion formed on the outer circumference to a fixed shaft integrally fixed to the blade to be slidable in a rotational direction of the shaft and changing postures are accomplished based on the slide of the cylindrical sliding portion in the rotational direction of the shaft.

4. The blade attaching structure of the wiper unit as set forth in claim 1, wherein the connecting shaft is integrally fixed to the blade, the connecting shaft having a larger diameter portion and a smaller diameter portion smaller than the larger diameter portion formed due to a chamfered portion created on the outer circumference and changing postures are accomplished based on changing the postures of the attaching groove by rotating the wiper arm with respect to the blade.

5. The blade attaching structure of the wiper unit as set forth in claim 1, wherein the connecting shaft is attached to the blade, the connecting shaft having a concave groove on the outer circumference in the axial direction and the attaching and detaching postures enable free entrance and exit of the connecting shaft with respect to the groove inner portion by rotating the connecting shaft in such a state that the groove entrance portion is fitted in the concave groove.

6. The blade attaching structure of the wiper unit as set forth in claim 1, wherein the groove width of the groove entrance portion of the attaching groove is made smaller than the inner diameter of the groove inner portion, while the connecting shaft comprises a fixed shaft integrally fixed to the blade and a stopper pin for preventing the fixed shaft internally fitted to the groove inner portion from coming off at the groove entrance portion and the attaching groove and the connecting shaft are changed in posture based on attachment and detachment of the stopper pin.

Please add claims 7-17 as follows:

--7. The blade attaching structure of the wiper unit as set forth in claim 1, wherein the connecting shaft is supported on the blade attaching structure to be slideable in a rotational direction of the shaft, the connecting shaft having a first diameter portion having the same diameter as the groove inner portion and a second diameter portion having a diameter less than the groove entrance portion and changing postures are accomplished by operating an adjusting member integrally formed on the connecting shaft end portion to make the connecting shaft slide in a rotational direction of the shaft.--

--8. The blade attaching structure of the wiper unit as set forth in claim 7, wherein the difference in diameter between the groove inner portion and the groove entrance portion is approximately half the difference between the first diameter portion and the second diameter portion.--

--9. The blade attaching structure of the wiper unit as set forth in claim 1, wherein the connecting shaft is attached to the blade, the connecting shaft having a concave groove on the outer circumference in the axial direction longer than a chord of the attaching groove, the attaching and detaching postures enabling free entrance and exit of the connecting shaft with respect to the groove inner portion produced by rotating the connecting shaft in such a state that the groove entrance portion is fitted in the concave groove.--

-- 10. A method of attaching a blade to a wiper unit with a blade attaching structure comprising an attaching groove formed on a wiper arm and a connecting shaft provided on the blade, the method comprising the steps of:

moving the connecting shaft into the attaching groove where the connecting shaft can freely enter or exit from the attaching groove; and

changing a posture of the connecting shaft where the connecting shaft is prevented from coming off from the attaching portion, wherein the attaching groove is provided with a groove inner portion having a larger diameter than the connecting shaft and a groove entrance portion having a width narrower than the groove inner portion.--

--11. The method of claim 10, wherein the connecting shaft is supported on the blade attaching structure to be slidable in a rotational direction of the shaft, the connecting shaft having a larger diameter portion and a smaller diameter portion smaller than the larger diameter portion due to a chamfered portion created on the outer circumference and changing postures are accomplished by operating an adjusting member integrally formed on the connecting shaft end portion to make the connecting shaft slide in the rotational direction of the shaft. --

--12. The method of claim 10, wherein the connecting shaft comprises a larger diameter portion and a smaller diameter portion smaller than the larger diameter portion formed by externally fitting a cylindrical sliding portion having a chamfered portion formed

on the outer circumference to a fixed shaft integrally fixed to the blade to be slidable in a rotational direction of the shaft, such that changing postures are accomplished by sliding the cylindrical sliding portion in the rotational direction of the shaft.--

--13. The method of claim 10, wherein the connecting shaft is integrally fixed to the blade, the connecting shaft having a larger diameter portion and a smaller diameter portion smaller than the larger diameter portion formed due to a chamfered portion created on the outer circumference, such that changing postures are accomplished by changing the postures of the attaching groove by rotating the wiper arm with respect to the blade.--

--14. The method of claim 10, wherein the connecting shaft is attached to the blade, the connecting shaft having a concave groove on the outer circumference in the axial direction, such that changing postures are accomplished by changing the postures of the attaching groove by rotating the connecting shaft in such a state that the groove entrance portion is fitted in the concave groove.--

--15. The method of claim 10, wherein the groove width of the groove entrance portion of the attaching groove is made smaller than the inner diameter of the groove inner portion, while the connecting shaft comprises a fixed shaft integrally fixed to the blade and a stopper pin for preventing the fixed shaft internally fitted to the groove inner portion from coming off at the groove entrance portion, such that changing postures are accomplished by changing the postures of the attaching groove and the connecting shaft by attaching and detaching of the stopper pin.--

--16. The method of claim 10, wherein the connecting shaft is supported on the blade attaching structure to be slideable in a rotational direction of the shaft, the connecting shaft having a first diameter portion having the same diameter as the groove inner portion, and a second diameter portion having a diameter less than the groove entrance portion, such that changing postures are accomplished by operating an adjusting member integrally formed